

FILE NOTATIONS

Entered in NID File ...✓....
Location Map Pinned ...✓....
Card Indexed ...✓....

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 8/4/79..

Location Inspected

..... WW..... TA.....

Bond released

SI GW. ✓... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log...✓.....
Electric Logs (No.) ✓.....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. USA U-38838
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Palmer Oil & Gas Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana 59103		8. FARM OR LEASE NAME Federal <input checked="" type="checkbox"/>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1793' FEL, 638' FSL At proposed prod. zone Same		9. WELL NO. 3-15
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 35 miles Northwest of Mack, Colorado		10. FIELD AND POOL, OR WILDCAT Bryson Canyon
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 638'	16. NO. OF ACRES IN LEASE 1,379.64	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 3-T17S-R24E <input checked="" type="checkbox"/>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None	19. PROPOSED DEPTH 5300 Morrison Test	12. COUNTY OR PARISH Grand
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5924' G.L. 5935' K.B.		13. STATE Utah
23. PROPOSED CASING AND CEMENTING PROGRAM		17. NO. OF ACRES ASSIGNED TO THIS WELL 320
22. APPROX. DATE WORK WILL START* November 15, 1978		20. ROTARY OR CABLE TOOLS Rotary

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4"	9 5/8" new	K-55 36#	80'	125 sacks
8 3/4"	7" new	K-55 20#	865'	150 sacks
6 1/4"	4 1/2" new	K-55 10.5#	5235'	250 sacks

1. Surface formation is the Mesaverde. Frontier-4235'. Dakota-4635'. Morrison-4785'
2. No water, oil or other minerals are anticipated. Gas is expected to be encountered at top of the Dakota and in the Morrison.
3. A double ram hydraulic BOP will be used and tested to 1000 psi for 15 minutes. Rams will be closed daily.
- ** 4. Water and gel type mud will be used to drill to 90'. Air & mist drilling from 90' to T.D.
5. IES and FDC-CNL logs will be run at total depth. All potential zones will be analyzed and if potentially commercial, 4 1/2" casing will be set, cemented and perforated.
- ** 6. No drill stem tests or cores are planned.
7. Commencement date will be approximately November 15, 1978, and completion of drilling will be approximately 10 days from commencement date.
8. The gas is not dedicated.
9. Survey plat enclosed.
10. (** See attached sheet for additional information.)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED J. G. Routson TITLE Petroleum Engineer DATE August 22, 1978
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: : DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 438838

OPERATOR: Palmer O&G Co

WELL NO. 3-15

LOCATION: 1/2 SW 1/4 SE 1/4 sec. 3, T. 12S, R. 24E, SL 111

Grand County, Utah

1. Stratigraphy: operator picked logs reasonable

2. Fresh Water: none probable below surface casing

3. Leasable Minerals: gas in Dakota, Cedar Mtn & Morrison

4. Additional Logs Needed: adequate

5. Potential Geologic Hazards: none expected

6. References and Remarks: coal not commercial - USGS Bull 852

Signature:



Date: 9 - 28 - 78

Oil and Gas Drilling

EA No. 1367-78

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-38838

Operator Palmer Oil and Gas

Well No. 3-15 Federal

Location 1793' FEL, 688' FSL (SW1/4 Sec. 3 T. 17 S R. 24 E SLM SE1/4)

County Grand State Utah Field Bryson Canyon

Status: Surface Ownership Federal Minerals Federal

Joint Field Inspection Date September 14, 1978

Participants and Organizations:

Gary Stephens

U.S. Geological Survey

Rocky Curnutt

Bureau of Land Management

Bill Buniger

Palmer

Related Environmental Analyses and References:

(1) EA - 1368-78

(2)

Analysis Prepared by:
Gary Stephens
Environmental Scientist
Albuquerque, New Mexico

Date September 15, 1978

Reviewed by:
Lynn Rust
Environmental Scientist
Casper, Wyoming

*noted 9/29/78
George Duwacha*

*→ Loc moved 50' NE to
688' FSL & 1795' FEL
Pad 175' x 250'
Pit 35' x 100'
1000' new access
Flow line not incl
1.4 ac*

Proposed Action

On August 28, 1978, Palmer Oil and Gas Company filed an Application for Permit to Drill the No. 3-15 Federal development well, a 5300-foot gas test of the Morrison Formation of Triassic age; located at an elevation of 5,924 ft. in the SW 1/4 SE 1/4, sec. 3, T. 17 S., R. 24 E., Grand Co., Utah on Federal mineral lands and Federal surface; lease No. U-38838. As an objection was raised to the well site it was moved 50' north to 688' FSL & 1793' FEL. This did not change the 1/4 1/4 1/4 coordinates. There was no objection raised to the access road which is to come off an existing road at a dry wash crossing approximately 1000 ft. south of the location.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S. Geological Survey District Office in Salt Lake City, Utah and the U.S. Geological Survey Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 250 ft. wide x 175 ft. and a reserve pit 100 ft. x 35 ft. A new access road will be constructed 18 ft wide x 1000 feet long. The operator proposes to construct production facilities on disturbed area of the proposed drill pad.

If production is established, plans for a gas flow line will be submitted to the appropriate agencies for approval. The anticipated starting date is November 15, 1978, and duration of drilling activities would be about 15 days.

Location and Natural Setting:

The proposed drillsite is approximately 35 miles northwest of Mack, Colorado, the nearest town. A fair road runs to within 250 feet west of the location. This well is in the Bryson Canyon field.

Topography:

Narrow canyon floors; located in the bottom of East Canyon, 100 feet east of a dry wash

Geology:

The surface geology is Mesaverde sandstone. The soil is sandy loam. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs will be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geological review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy loam to a silty sand. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinon, juniper association is also present.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 1.4 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location; however, the existing air quality relative to federal Ambient Air Quality Standards is believed to be good. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated

Precipitation:

Annual rain fall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8".

Winds are medium and steady, occurring predominately from south to north. Air mass inversions are rare.

The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

None, a non-perennial dry wash is 100 feet west.

Some additional erosional would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems.

The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water should be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B.

The depths of fresh-water formations are listed in the 10-Point Subsurface Protection Plan. There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh-water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Big sagebrush, juniper, greasewood and snakeweed.

Plants in the area are of the salt-desert-shrub types grading to the pinon-juniper association.

Proposed action would remove about 1.4 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Deer; Small mammal.

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominantly of the mule deer, coyotes, foxes, skunks, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be earthtoned to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are not significant in Grand Co., Utah. But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the well site be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

Land Use:

Oil and Gas Operations; other, site located in an isolated canyon visited predominately by oil and gas operators.

There are no national, state or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

- (1) Not approving the proposed permit -- The oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and sub-surface would be prevented as much as possible under U.S.G.S. and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

- (2) Minor relocation of the well site and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at

the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

From 630' to 688' FSL

(3) Location was moved 50 feet ~~northeast~~; large sidehill cuts.

Adverse Environmental Effects Which Cannot Be Avoided:

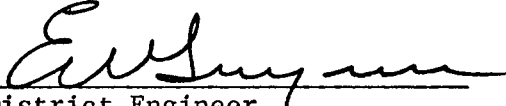
Surface disturbance and removal of vegetation from approximately 1.4 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to the River would exist through leaks and spills.

Determination:

This requested action does not constitute a major federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).

Date

10/4/78


District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

SW SE
Morrison

** FILE NOTATIONS **

Date: August 29, 1978

Operator: Palmer Oil & Gas Company

Well No: Federal 3-15

Location: Sec. 3 T. 17S R. 24E County: Grand

File Prepared: ☐

Entered on N.I.D.: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number: 43-019-30463

CHECKED BY:

Administrative Assistant: [Signature]

Remarks: No other info - Sec. 3

Petroleum Engineer: [Signature]

Remarks: 7

Director: [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: [Signature]

Survey Plat Required: ☐

Order No. _____

Surface Casing Change
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☒

O.K. In _____ Unit

Other:

☒ Letter Written/Approved

SCOTT M. MATHESON
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
September 7, 1978

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

Palmer Oil and Gas Company
P.O. Box 2564
Billings, Montana 59103

Re: Well No's:
Federal 6-14,
Sec. 6, T. 17 S, R. 25 E,
Federal 3-15,
Sec. 3, T. 17 S, R. 24 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with Rule C-3(c) and Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to these wells are:

#6-14: 43-019-30462 #3-15: 43-019-30463,

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director


M E M O R A N D U M

*Kathy - file
I in Palmer
Oil & Gas file*

TO: William K. Dinehart, Director
Division of State Lands

Cleon B. Feight, Director
Division of Oil, Gas, and Mining

Edward W. Clyde
Attorney at Law

FROM: Richard L. Dewsnap 
Assistant Attorney General

DATE: October 6, 1978

RE: Access to State Lands

Enclosed please find a copy of a letter from the Deputy Solicitor of Interior dated September 26, which was received by the office of the Utah Attorney General concerning the access problem arising in connection with Palmer Oil and Gas Company's attempt to gain access across federal lands to reach lands leased from the State of Utah.

I think the letter is self-explanatory. I assume the Utah Attorney General will want to consider this matter further, in consultation with the Division of State Lands, in order to determine whether any further action should be taken to try to solve the broader problem.

dv/RLD

Enclosure

cc: Attorney General Robert B. Hansen



UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON, D.C. 20240

*Scherer
see that copy
is filed in Palmer
will file. J*

SEP 26 1978

Mr. Robert B. Hansen
Attorney General, State of Utah
State Capitol
Salt Lake City, Utah 84114

Dear Mr. Hansen:

We have received your letter of July 28, 1978, requesting a legal opinion on whether there is a right to reasonable access to State school lands across lands administered by the Bureau of Land Management, and have begun research and consideration of the question.

At this time it appears that the only potential problem is with the Palmer Oil and Gas Company right-of-way application. We have been contacted by the company's attorneys in an attempt to work out a solution, and we have not yet decided whether it is necessary or desirable to write an opinion on the broad issue you have raised. We should decide this very soon, and if we decide an opinion is appropriate, then we would anticipate that it would take thirty to sixty days to arrive at a position.

We will keep you informed on how we handle this matter. In the meantime, if situations similar to that involving Palmer arise, we would appreciate being informed of them.

We appreciate your concern. If you have any questions or wish to provide additional information, you may call Mr. William Kelly of this office (telephone (202) 343-4444).

Sincerely,

Frederick N. Ferguson

DEPUTY SOLICITOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐
SINGLE ZONE ☒ MULTIPLE ☐

2. NAME OF OPERATOR
Palmer Oil & Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1793' FEL, 638' FSL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 35 miles Northwest of Mack, Colorado

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 638'

16. NO. OF ACRES IN LEASE
1,379.64

17. NO. OF ACRES ASSIGNED
TO THIS WELL
320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. None

19. PROPOSED DEPTH
5300 Morrison Test

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5924' G.L. 5935' K.B.

22. APPROX. DATE WORK WILL START*
November 15, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4"	9 5/8" new	K-55 36#	80'	125 sacks
8 3/4"	7" new	K-55 20#	865'	150 sacks
6 1/4"	4 1/2" new	K-55 10.5#	5235'	250 sacks

- Surface formation is the Mesaverde. Frontier-4235'. Dakota-4635'. Morrison-4785'
- No water, oil or other minerals are anticipated. Gas is expected to be encountered at top of the Dakota and in the Morrison.
- A double ram hydraulic BOP will be used and tested to 1000 psi for 15 minutes. Rams will be closed daily.
- ** Water and gel type mud will be used to drill to 90'. Air & mist drilling from 90' to T.D.
- IES and FDC-CNL logs will be run at total depth. All potential zones will be analyzed and if potentially commercial, 4 1/2" casing will be set, cemented and perforated.
- ** No drill stem tests or cores are planned.
- Commencement date will be approximately November 15, 1978, and completion of drilling will be approximately 10 days from commencement date.
- The gas is not dedicated.
- Survey plat enclosed.
- (** See attached sheet for additional information.)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED J. G. Routson TITLE Petroleum Engineer DATE August 22, 1978

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE ACTING DISTRICT ENGINEER DATE NOV 9 1978

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL
CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY
*See Instructions On Reverse Side
NECESSARY FLARING OF GAS DURING
DRILLING AND COMPLETION APPROVED
SUBJECT TO ROYALTY (NTL-4)

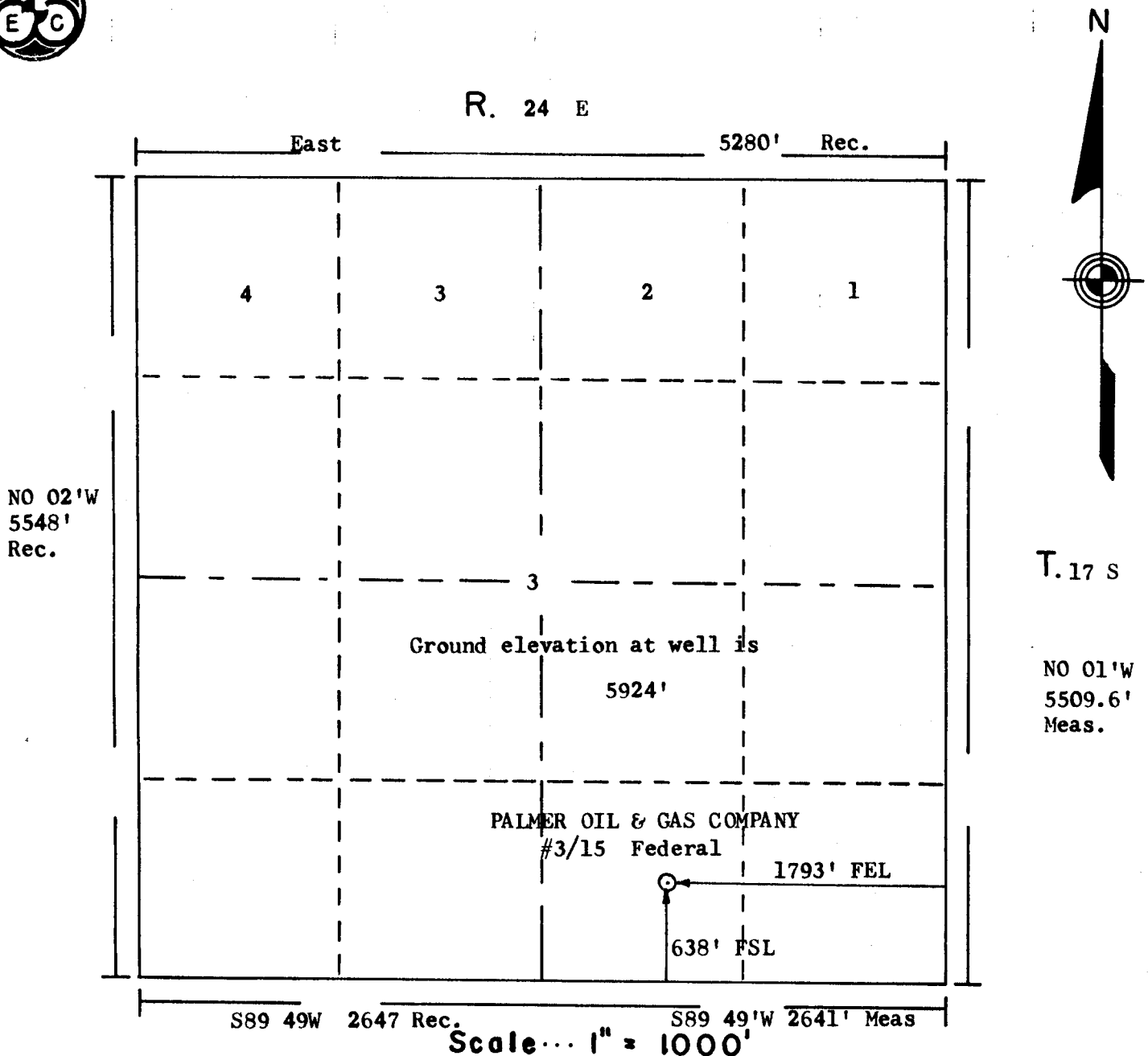
State of OK

ADDITIONAL INFORMATION

UNDER
NTL-6 REQUIREMENTS

Item No.

4. Approximately 200 barrels of gel type mud will be used to drill to 90'. No weighting materials will be maintained.
6. We will complete the well in the zones in which the presence of hydrocarbons are found. Potential producing zones ascertained from the drilling of the well will be perforated through 4½" casing and, if necessary to increase productivity, acidized with diluted hydrochloric acid. If necessary, a fracturing treatment will be used utilizing nitrogen, sand and potassium chloride water. All operations will be done in a safe manner in accordance with OSHA standards.
A wellsite sketch on a "Sundry Notice" Form 9-331 will be provided after the fracture treatment has been designed, which can not be done until the well has been drilled and cased and the amount of fracture treatment determined. No flammable fluids will be used.

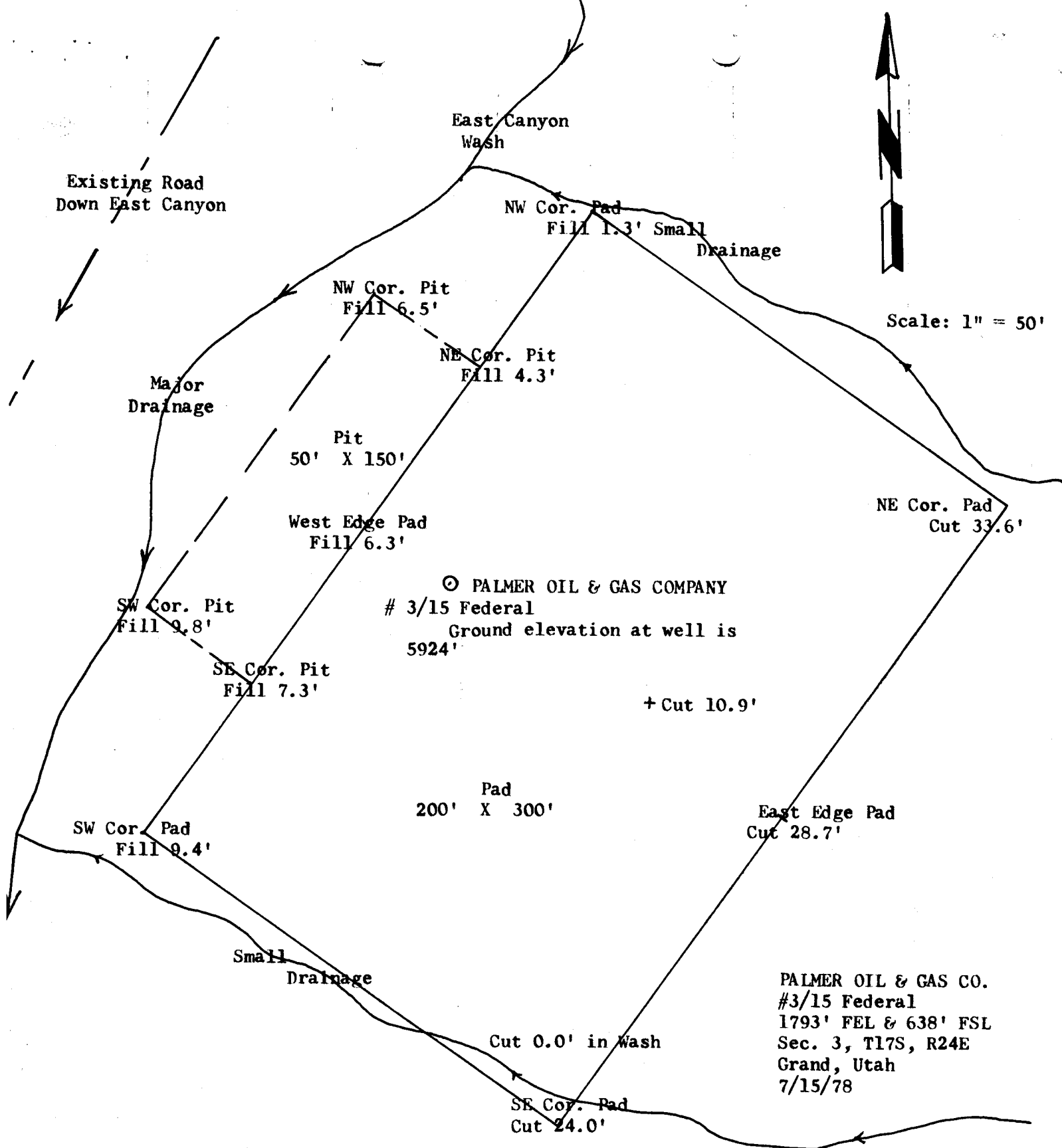


Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Jim Routson
for Palmer Oil and Gas Company
determined the location of # 3/15 Federal
to be 1793' FEL & 638' FSL
Range 24 E of the Salt Lake Base and Meridian, Utah
Grand County, Utah

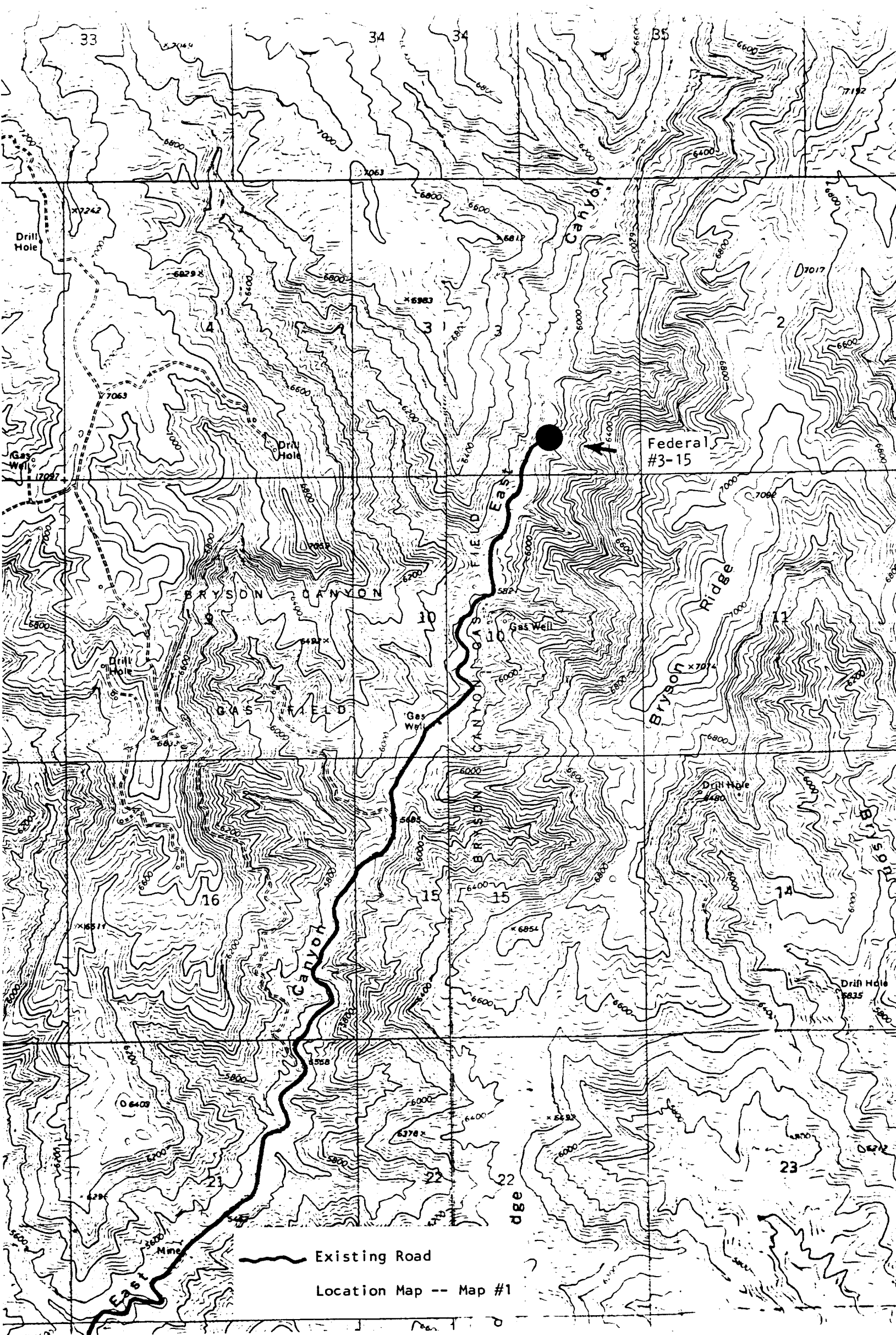
I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
3/15 Federal

Date: 7/15/78

T. Nelson
Licensed Land Surveyor No. LS 27 11
State of Utah

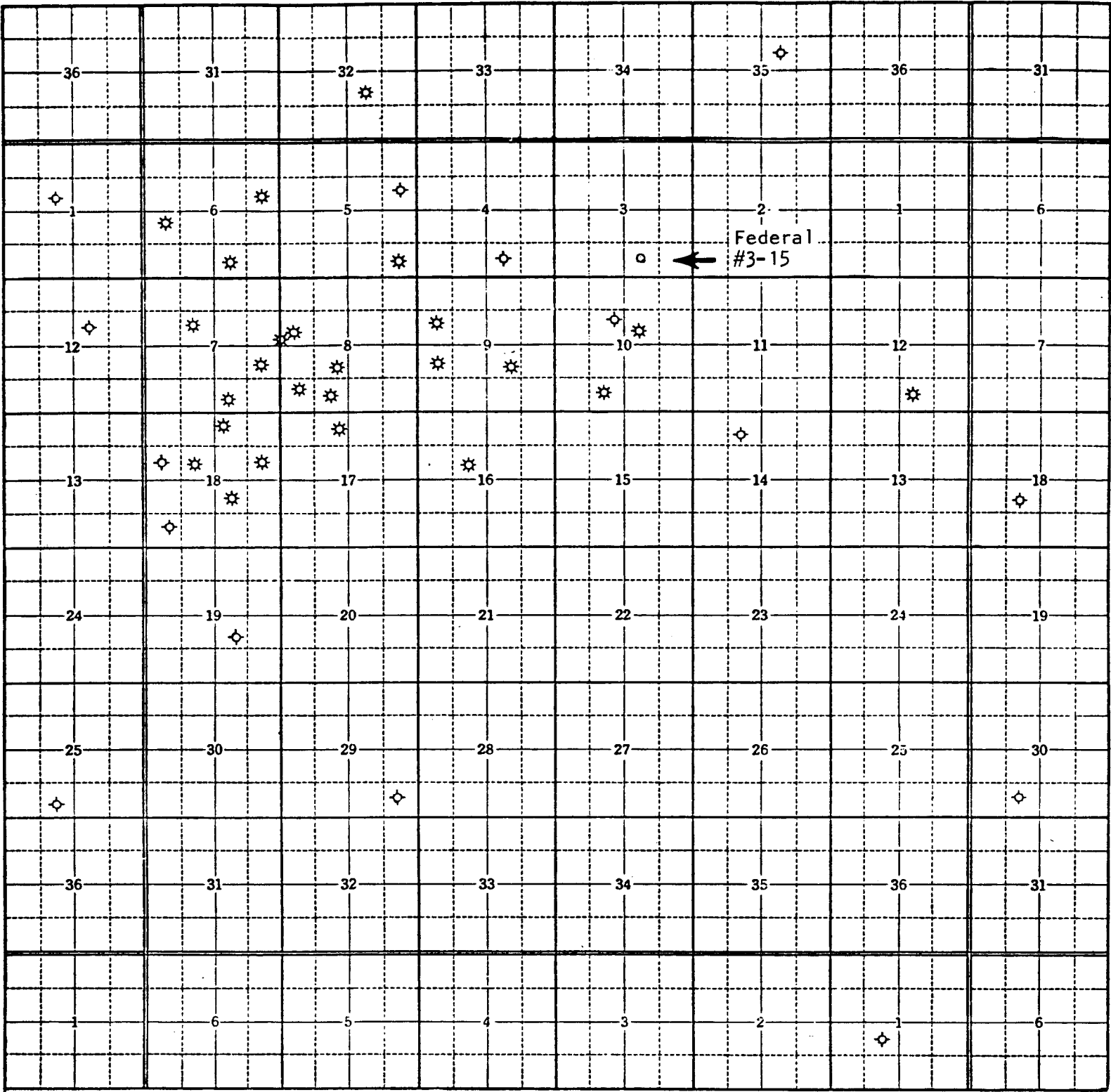


By: Mike Zancanella
POWERS ELEVATION CO., INC.
Grand Junction, Colorado

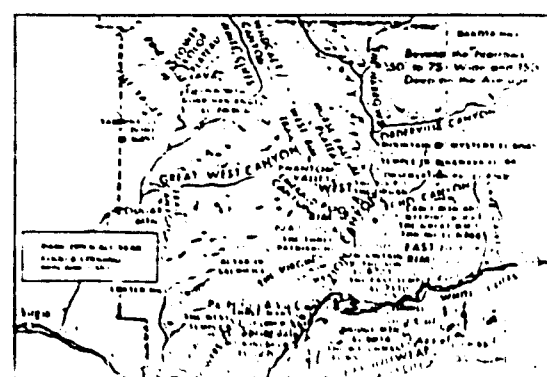
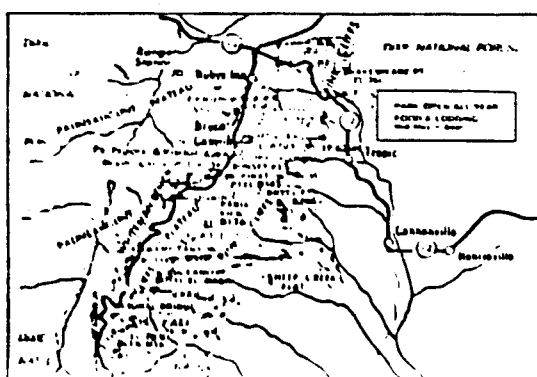
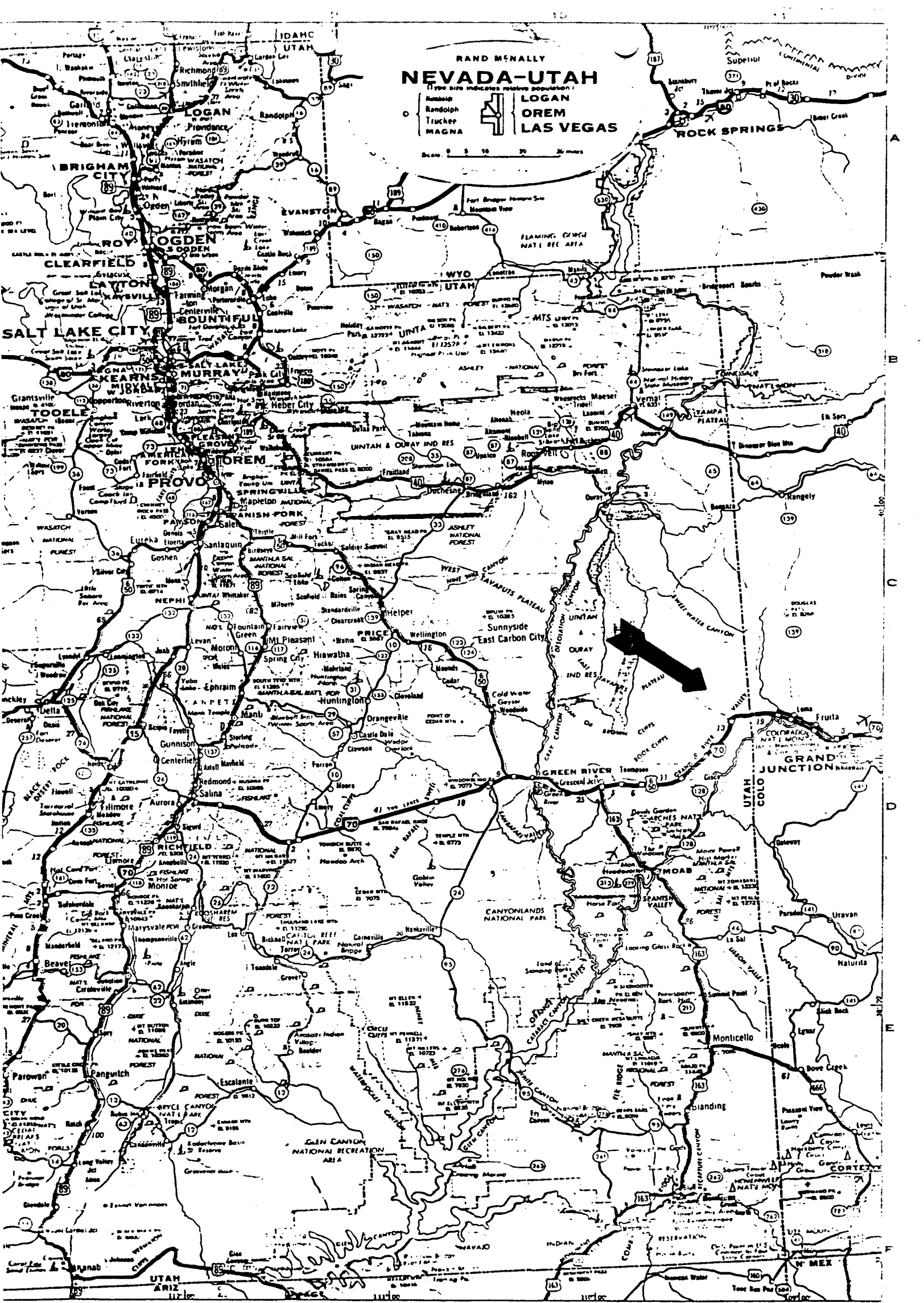


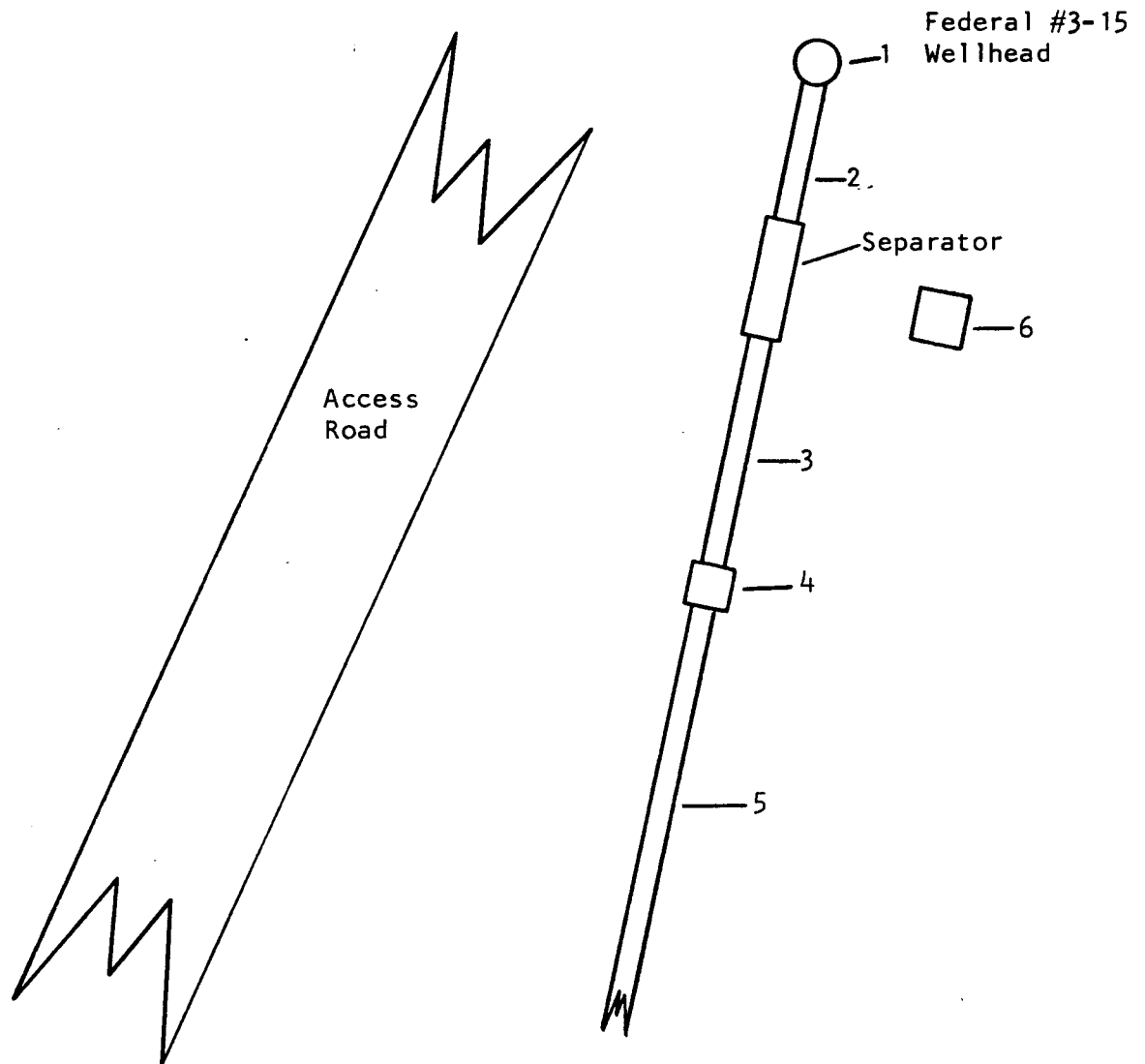
Township 17S, Range 24E, County Grand, State Utah

Island Township Plat



Map #2 -- Federal #3-15



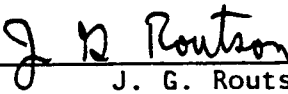


1. Wellhead will be 4-1/2" x 2-3/8" flange x screw with donut hanger full opening valve. All 2000# WP or greater to meet PO&GC specifications.
2. Line between wellhead and separator will be approx. 75 feet in length and constructed of 2-3/8" .218 wall seamless, welded, wrapped and buried approx. 5 feet deep.
3. Line between separator and meter will be 4" or 4.028 OD seamless, welded, coated, wrapped and buried and will be approx. 25 feet in length.
4. Meter run will be American 4" fun, 500 psi static rating, 100" of water differential rating.
5. Line between meter run and Mesa Gas gathering line will be 3" seamless, welded pipe and will be approx. 50 feet in length.
6. Pit, if necessary will be 10' x 10', enclosed by dikes and fenced.

WELL CONTROL PLAN

1. Surface Casing: 9-5/8" O.D. 36#/ft., Grade K-55, Short T&C, set at 80' or deeper, cemented with pump and plug method back to the surface or bottom of cellar.
2. Casinghead Flange: 9-5/8" x 10-3/4" top 1500 psig W.P. Larkin (or equivalent) casinghead with two 2" 1500 psi L.P. outlets.
3. Intermediate Casing: 7" O.D. 20#/ft., Grade K-55, Short T&C, set at 865', cemented with pump and plug method using 150 sacks or more. At least 12 hours WOC time will be required before drilling the plug.
4. Blowout Preventor: A 10" 3000 psig W.P. Double gate hydraulic Shaffer BOP (or equivalent) with drill; pipe rams and blind rams. All fill, kill and choke lines will be minimum of 2" 2000 psi W.P.
5. Auxillary equipment: (a) Drill pipe floats will be allowed at contractor's discretion. (b) Visual monitoring of air returns will be maintained.
6. Anticipated bottom hole pressure is less than 1000 psi at 5235' or a gradient of .191 psi/ft. or less. No abnormal temperatures or hydrogen sulfide gas are anticipated.

PALMER OIL & GAS COMPANY



J. G. Routson

LVE POINT PLAN OF DEVELOPMENT

For Surface Use for Palmer Oil & Gas Federal 3-15
Section 3-T17S-R24E
Grand Co., Utah

1. Existing road including location of exit from the main highway.
Location is approximately 20 miles North of US 6 and 50 on the East Canyon Road.
2. Planned access road.
See Map No. 1.
3. Location of existing wells.
See Map No. 2.
4. Location of tank batteries, production facilities and production gathering and service lines - see Plat No. 3 attached.
 - 1) The existing drillsite pad will be used.
 - 2) A gas separator with dimensions of 3' x 8' to be set within 100' of the well bore, if well produces any fluids and a dehydrator will possibly be used.
 - 3) Gas separator unit will be set on 3" x 12" x 5' timbers with gravel underlay.
 - 4) Gas separator will be a compact unit totally enclosed in a metal house.See 10. for rehabilitation of disturbed areas no longer needed for operations after construction is completed.
5. Location and type of water supply.
Grand Valley Water Users and hauled from a ditch near Mack, Colorado, or from West Salt Creek drain ditch near Mack, Colorado.
6. Source of construction materials.
No construction materials will be needed for the access road.
7. Methods for handling waste disposal.
 - 1) Cuttings will be buried 3' under top soil.
 - 2) Drilling fluids will be left in open pit to evaporate.
 - 3) Produced oil or condensate (if any) will be stored in a tank and sold.
Produced water will be disposed of in compliance with rules and regulations of the USGS and the State of Utah.
 - 4) Portable toilet to be provided.
 - 5) Trash will be burned in burn pit.
 - 6) Drilling fluid in pit, which will be very minimal due to air drilling, will be left to dry, if necessary. After pit area is sufficiently dry, cuttings will be pushed into pit and sub-soil to be placed on top of any remaining fluid and cuttings; then top soil will be used to cover both pit and location area.
8. Ancillary facilities.
No camps or airstrips will be used.

9. Wellsite layout.
See Plat No. 1 of rig layout and Plat No. 2 of necessary cut to build location.

10. Plans for restoration of the surface.

On completion of the drilling of this well, all pits will be backfilled and top soil replaced and re-contoured back to original terrain. Upon abandonment all disturbed areas, including the location and access road, will be recontoured, ripped or scarified as needed, and revegetated using the following seed formula.

Indian Ricegrass	1 lb/acre
Crested Wheatgrass	1 lb/acre
Sand Drop Seed	1 lb/acre
Globe Mallow	1 lb/acre
Wild Sunflower	1 lb/acre
Four Wing Saltbush	1 lb/acre
Shadscale	1 lb/acre
Winterfat	1 lb/acre

All seeding will be done between September 15 - November 15.

11. Other information.

- 1) Topography - valleys and mesas.
- 2) Vegetation - grassland with greasewood and sagebrush. Land is used for grazing. There are no reservoirs on the lease. An archeological survey will be done by the Powers Elevation Company of Grand Junction, Colorado on this 40 acre tract.
- 3) Surface ownership of involved lands is federal.

12. Lessee's or operators representative:

J. G. Routson
P. O. Box 2564
Billings, Montana 59103

Office Phone (406) 248-3151
Home Phone (406) 245-8797

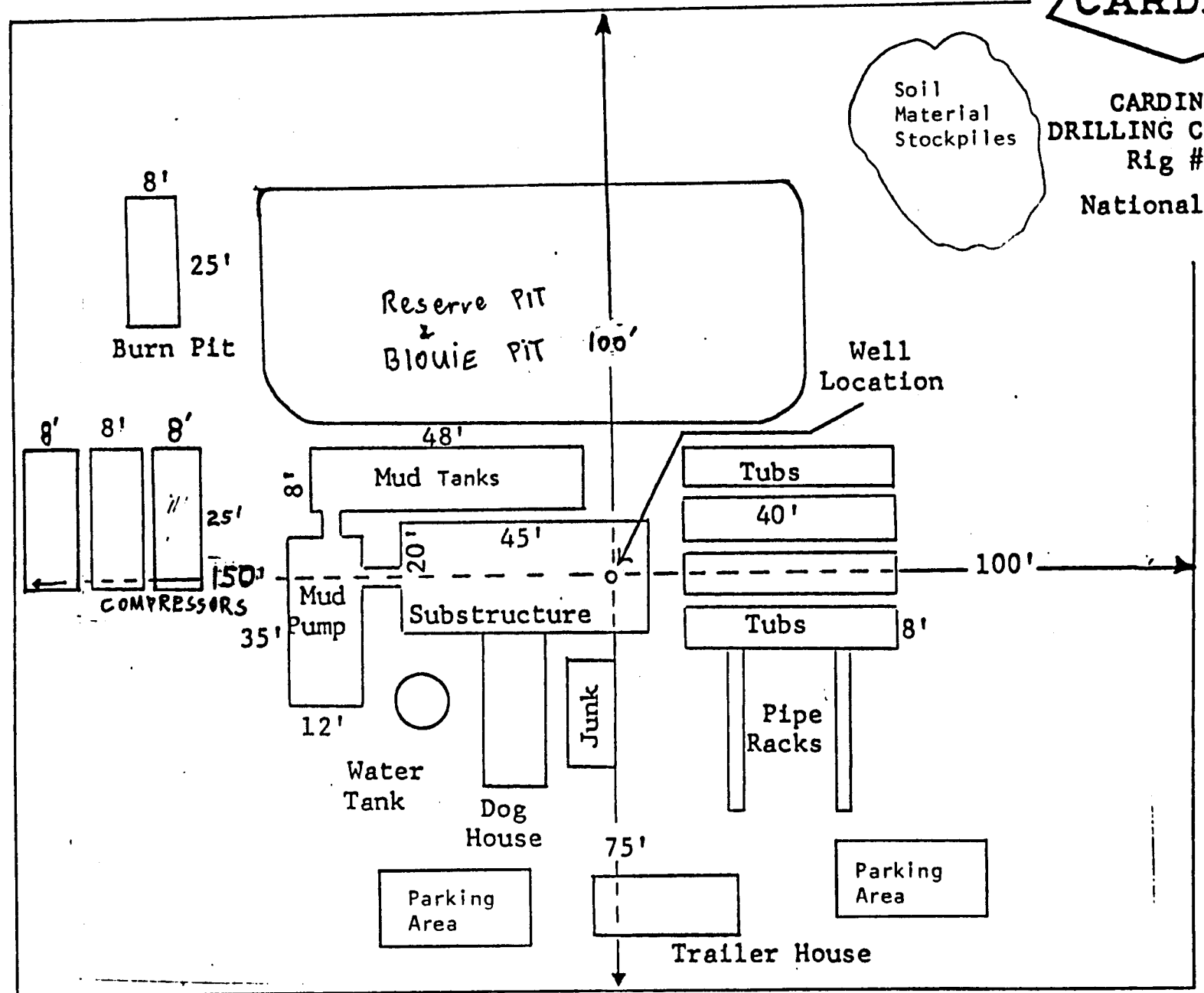
13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein is being contracted for at this time. The contractor and sub-contractors will conform with this plan and the terms and conditions under which it is proposed.

Date:

J. G. Routson
J. G. Routson



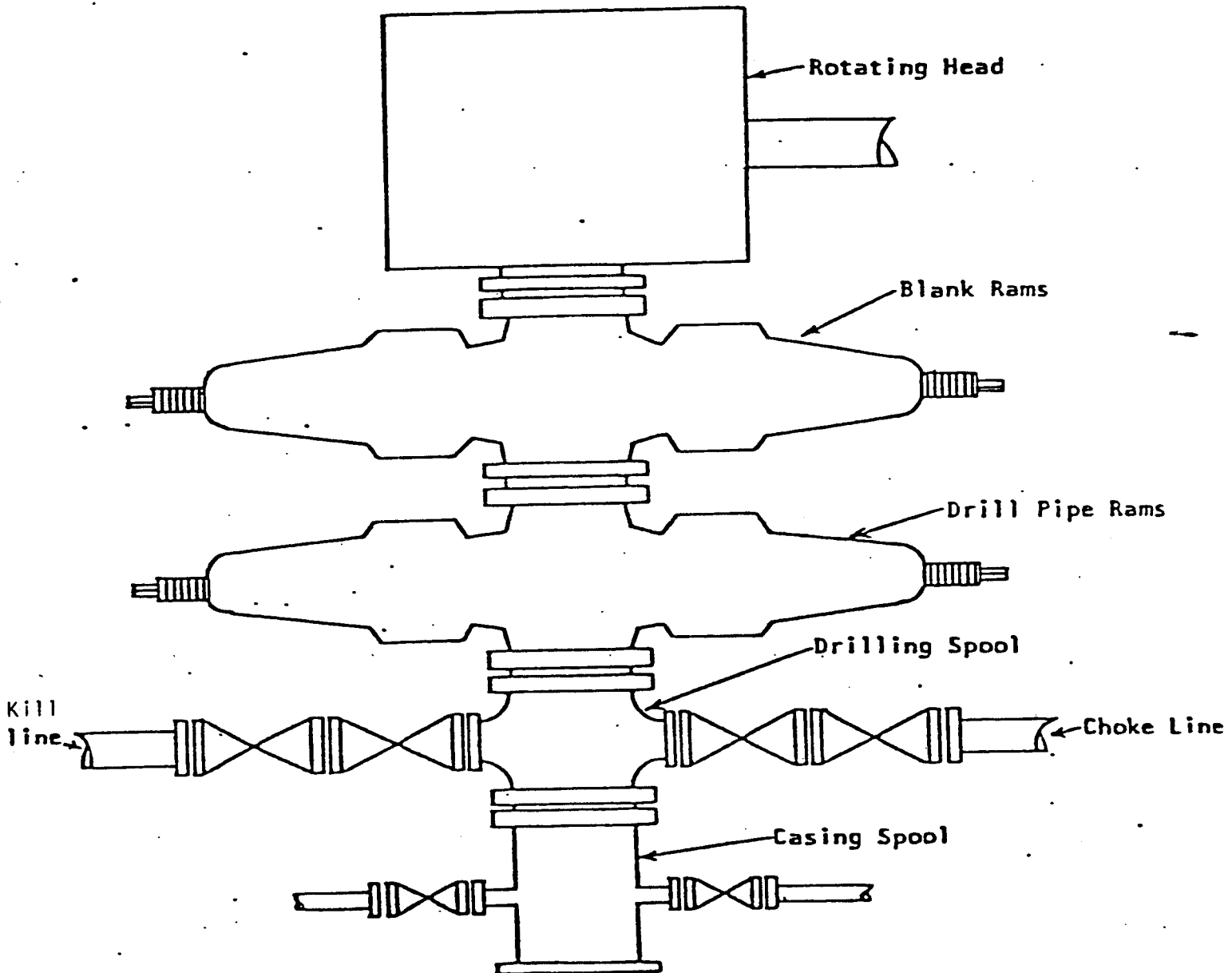
CARDINAL
DRILLING COMPANY
Rig #4
National T-32



AIR DRILLED WELLS
using

900 series well head equipment

Interval from 500 to TD



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO

USA U-38838

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

3-15

10. FIELD AND POOL, OR WILDCAT

Bryson Canyon

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 3-T17S-R24E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL ☐ GAS ☒
WELL WELL OTHER

2. NAME OF OPERATOR

Palmer Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1793' FEL and 638' FSL

14. PERMIT NO.

API 43-019-30463

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

5924' GL, 5935' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

Casing program was approved as follows:

12-3/4" hole, 9-5/8" new K-55 36# set at 80' and cement with 125 sacks
8-3/4" hole, 7" new K-55 20# set at 865' and cement with 150 sacks
6-1/4" hole, 4-1/2" new K-55 10.5# set to 5235' and cement with 250 sacks

Plan to change casing program and run casing as follows:

9" hole, 7" new K-55 20# set at 850' and cement to surface with 250 sacks
6-1/4" hole, 4 1/2" new K-55 10.5# set at 5235' and cement with 250 sacks.APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 3-5-79

BY: M. J. M.

18. I hereby certify that the foregoing is true and correct

SIGNED

Robert D. Ballantyne
Robert D. Ballantyne

TITLE

Drilling Superintendent

DATE

2/8/79

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

February 17, 1979

MEMO TO FILE

Re: PALMER OIL AND GAS COMPANY
Well No. Federal 3-15
Sec. 3, T. 17S, R. 24E
Grand County, Utah

This office was notified that the above well was spudded-in on February 16, 1979 at 4:00 p.m.

The drilling contractor and rig number were not given at this time.

CLEON B. FEIGHT
DIRECTOR
DIVISION OF OIL, GAS AND MINING

CBF/lw
cc: U.S. Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLIC.
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-38838

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

3-15

10. FIELD AND POOL, OR WILDCAT

Bryson Canyon

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 3-17S-24E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

1.

OIL ☐ WELL GAS ☒ WELL OTHER

2. NAME OF OPERATOR

Palmer Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1793' FEL, 638' FSL

14. PERMIT NO.

API 43-019-30463

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5924' GL, 5935' KB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

Status Report

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well spudded at 4:00 PM on 2/16/79. Drilled 12-1/4" hole to 97'.

Ran 2 joints 9-5/8" casing to 55'. Ran several stages of cement totaling 1000 sacks - no returns. Drilled out with 120# mist. 9-5/8" broke loose and circulated around outside. Pulled out casing and re-ran 9-5/8" to 70' KB and cemented with 150 sx RFC, plus 3% CaCl. Plug down at 7:30 PM on 2/19/79.

18. I hereby certify that the foregoing is true and correct

SIGNED

Grace E. Brown

TITLE

Assistant Secretary

DATE

2/20/79

(This space for Federal or State office use)

APPROVED BY

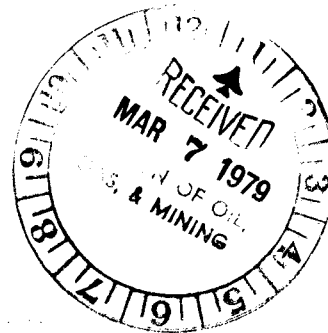
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FILE IN QUADRUPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116



REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Federal No. 3-15
Operator: Palmer Oil & Gas Company Address: P. O. Box 2564, Billings, Montana
Contractor: Cardinal Drilling Company Address: P. O. Box 1077, Billings, Montana
Location SW 1/4 SE 1/4; Sec. 3 T. 17 S, R. 24 E; Grand County.

Water Sands:

	<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
	From- To-	Flow Rate or Head	Fresh or Salty
1.	35' 45'	1-2" stream while drilling with air.	Fresh
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

Mesa Verde - on surface
Mancos - 735'

Remarks:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) ~~Report~~ Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen a well back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR

Palmer Oil & Gas Co. - Energy Increments, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1793' FEL, 638' FSL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐CHANGE ZONES ☐ABANDON* ☐(other) Change of Operators

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change Operator to Palmer Oil & Gas Company - Energy Increments, Inc.

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED

Donna L. Nyby

TITLE

Secretary

DATE

May 3, 1979

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE

USA U-38838

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Southwest Federal

9. WELL NO.

3-15

10. FIELD OR WILDCAT NAME

Bryson Canyon

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA

Sec. 17 T17S R24E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

5924' G.L. 5935' KDB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐

2. NAME OF OPERATOR
Palmer Oil & Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1793' FEL, 638' FSL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐ ☐

FRACTURE TREAT ☐ ☐

SHOOT OR ACIDIZE ☐ ☐

REPAIR WELL ☐ ☐

PULL OR ALTER CASING ☐ ☐

MULTIPLE COMPLETE ☐ ☐

CHANGE ZONES ☐ ☐

ABANDON* ☐ ☐

(other) Pipeline Hookup

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Sep 2, 13, 1979

BY: Frank M. [Signature]

(NOTE: Report results of multiple completion or zone isolation on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

REVISED

Palmer Oil & Gas Company requests permission for pipeline hookup under Section 1 of the lease rights to tie into Northwest Pipeline's Grand Valley Gathering System, 8" Lateral A-6.

Lateral A-6 is a 4" line, .188 wall thickness, Grade "B" ERW. Design pressure 720 psi, X-Trucoat wrapping. Line will be welded and buried. Disturbed areas will be rehabilitated as required by the BLM.

Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Robert D. Ballantyne TITLE Drilling Sup't DATE August 9, 1979
Robert D. Ballantyne

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R3555.

15

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. U-38838			
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR Palmer Oil & Gas Company				7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana 59103				8. FARM OR LEASE NAME Federal			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1793' FEL, 638' FSL				9. WELL NO. 3-15			
At top prod. interval reported below Same				10. FIELD AND POOL, OR WILDCAT Bryson Canyon			
At total depth Same				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SW1/4 Sec. 3-T17S-R24E			
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH Grand	13. STATE Utah		
15. DATE SPUDDED 2/16/79	16. DATE T.D. REACHED 2/24/79	17. DATE COMPL. (Ready to prod.) 8/4/79	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5924' G.L., 5935' K.B.	19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 5224'	21. PLUG, BACK T.D., MD & TVD 5188'	22. IF MULTIPLE COMPL., HOW MANY* Commingled	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0' - TD	CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota: 4634-4773' Morrison: 4971-4980'					25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-GR, IES-GR, SNP-GR					27. WAS WELL CORED No		
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
9-5/8"	36#	70' KB	12-1/4"	1150 sx	None		
7"	20#	852' KB	8-3/4"	225 sx	None		
4-1/2"	10.5#	5213' KB	6-1/4"	225 sx.	None		
29. LINER RECORD			30. TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5040'	none
31. PERFORATION RECORD (Interval, size and number) Salt Wash: 5140-5162', 5176-5180' (28 shots) Dakota-Morrison: 4634, 4638, 4691, 4697, 4710, 4719, 4751, 4756, 4766, 4773, 4971, 4973, 4980 (13 shots); Morrison: 4972-4977 (6 shots).				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				SEE REVERSE SIDE			
33. PRODUCTION							
DATE FIRST PRODUCTION Shut in		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in) Shut in		
DATE OF TEST 8/4/79	HOURS TESTED 1	CHOKE SIZE 1-1/2"	PROD'N. FOR TEST PERIOD →	OIL—BBL. →	GAS—MCF. 144	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS. 45 psi	CASING PRESSURE 710 psi	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF. 3454	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold						TEST WITNESSED BY J. G. Routson	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>J. G. Routson</u>		TITLE <u>Petroleum Engineer</u>			DATE <u>8/22/79</u>		

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
<u>Acid, Frac Treatments:</u>						
Salt Wash (5140-5162')			Acidized w/500 gal. 15% MSR Set CIBP at 5125'.	Castlegate	964'	
Dakota-Morrison (4634-4980')			Acidized Morrison 4971-4980' w/250 gal. 7½% MSR; Re-acidized w/250 gal. 7½% MSR	Dakota Silt	4536'	
			Acidized Dakota 4634-4773' w/500 gal. 7½% MSR	Dakota	4616'	
Morrison (4972-4977')			Acidized w/500 gal. 5% HCl.	Morrison	4776'	
Dakota-Morrison (4634-4980')			Foam frac w/86,000 gal. 75 quality foam, 20,000# 100 mesh sand, 80,000# 20/40 sand, 2,255,000 scf nitrogen.	Salt Wash	5052'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well <input type="checkbox"/> gas well <input checked="" type="checkbox"/> other	5. CASE U-33130
2. NAME OF OPERATOR Tenneco Oil Company	6. IF INDIAN ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 720 S. Colorado Blvd., Denver, CO 80222	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 1793'FEL & 638'FSL AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	8. FARM OR LEASE NAME Federal
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	9. WELL NO. 3-15
REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> CHANGE ZONES <input type="checkbox"/> ABANDON* <input type="checkbox"/> Change of Operator (other)	10. FIELD OR WILDCAT NAME Bryson Canyon
SUBSEQUENT REPORT OF: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3 - T17S; R24E
	12. COUNTY OR PARISH Grand
	13. STATE Utah
	14. API NO.
	15. ELEVATIONS (SHOW DF, KDB, AND WD) 5924'GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above mentioned well was purchased by Tenneco Oil Company effective date September 25, 1979, from Palmer Oil and Gas Company, P.O. Box 2564, Billings, Montana 59103.

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Admin. Supervisor DATE 10/18/79

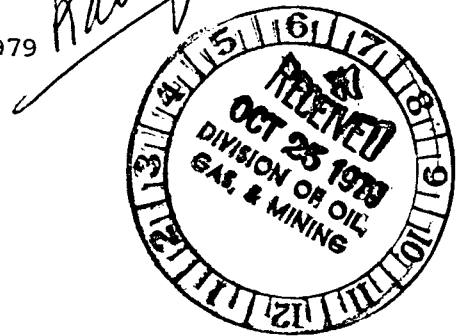
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Tenneco Oil
A Tenneco Company

Penthouse
720 South Colorado Blvd.
Denver, Colorado 80222
(303) 758-7130

October 23, 1979



Mr. Cleon B. Feight
Utah Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84111

RE: Tenneco Well formerly operated
by Palmer Oil and Gas Company
Grand County, Utah

Gentlemen:

The following wells formerly operated by Palmer Oil and Gas Company will now be operated by Tenneco Oil Company. Please note that record title to several of these wells will be held by Energy Increments, Inc., and Pate Oil Company, however, Tenneco Oil Company will continue to operate the wells.

Grand County, Utah

Township 16 South, Range 24 East

Sec. 33: 33-14/ ~~Section 29: Federal 29-15~~

Sec. 35: 35-10/ Section 28: Federal 28-15

Township 16 South, Range 25 East

Section 13: Federal 13-9-SIGW

Section 17: Federal 17-9-SIGW

Section 14: Federal 14-2

Township 16 South, Range 26 East

Section 32: State 32-1-SIGW

State 32-11-SIGW

Section 33: Federal 33-13-SIGW

Section 16: State 16-4

Township 17 South, Range 24 East

-SIGW-Section 3: Federal 3-8/Section 5: Federal 5-13

SIGW-Federal 3-15/Section 14: Federal 14-4

Section 4: Federal 4-12

Township 17 South, Range 25 East

Section 6: Federal 6-7

Federal 6-14-SIGW

Section 7: Federal 7-4-SIGW

Section 29: Federal 29-1

Township 17 South, Range 26 East

Section 5: Federal 5-4-SIGW

Federal 5-9-SIGW

Section 8: Federal 8-5-SIGW

***SIGW=SHUT IN GAS WELL

REMAINING ARE DRILLING WELLS

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
93760016	FULLER USA #13-16	06	02	<u>3</u>	12/85	<u>0900</u>
93761014	FULLER USA #16-12	06	02	<u>3</u>	12/85	<u>1100</u>
92110010	FEDERAL #3-8 17S. 24E. 3	06	07	<u>7</u>	10/85	<u>0830</u>
92111016	FEDERAL #3-15 17S. 24E. 3 ✓	06	07	<u>7</u>	10/85	<u>0930</u>
92112012	FEDERAL #35-10 14S. 24E. 35	05	07	<u>7</u>	10/85	<u>1100</u>
92150011	FEDERAL #4-12 17S. 24E. 4	06	07	<u>8</u>	10/85	<u>0900</u>
92155013	WILSON USA #33-15 14S. 24E. 33	06	07	<u>8</u>	10/85	<u>1030</u>
92196014	BROWN USA #35-3 14S. 24E. 35	06	07	<u>8</u>	10/85	<u>1130</u>
92117014	FEDERAL #6-7 17S. 25E. 4	06	07	<u>6</u>	11/85	<u>0930</u>
92118010	FEDERAL #6-14 17S. 25E. 4	06	07	<u>6</u>	11/85	<u>0830</u>
92119017	FEDERAL #7-4 17S. 25E. 7	06	07	<u>4</u>	11/85	<u>1030</u>
92152012	DIETLER STATE #2-14 17S. 24E. 2	06	07	<u>7</u>	11/85	<u>0830</u>
92160017	STATE #36-14 14S. 24E. 34	06	07	<u>7</u>	11/85	<u>0930</u>
92186016	EDWARDS USA #12-9 17S. 24E. 12	06	07	<u>4</u>	11/85	<u>0930</u>
92188019	CALVINCO USA #31-12 16S. 25E. 31	06	07	<u>5</u>	11/85	<u>0830</u>
92190013	REINAUER #1-14 17S. 24E. 1	06	07	<u>5</u>	11/85	<u>0930</u>
92199010	REINAUER #1-5 17S. 24E. 1	06	07	<u>7</u>	11/85	<u>1030</u>
92231011	WINTER CAMP #7-14 17S. 25E. 7	06	07	<u>4</u>	11/85	<u>0830</u>

RECEIVED

APR 27 1984



Tenneco Oil Company

A Tenneco Company

Western Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6162 South Willow Drive
Englewood, Colorado

DIVISION OF OIL
GAS & MINING

April 25, 1984

State of Utah
Department of Oil & Gas Conservation
4241 State Office Bldg.
Salt Lake City, UT 84114

Gentlemen:

Attached is a list of wells for which Tenneco Oil Company has been providing you with monthly state reports. Effective March 1, 1984, these wells were purchased by Quinoco Petroleum, Inc., 3801 East Florida Avenue, Suite 300, P. O. Box 10800, Denver, Colorado 80210. Quinoco will now be responsible for all state reporting on these wells beginning with March 1984 business:

Very truly yours,

TENNECO OIL COMPANY

Ursula C. Sulzbach
Ursula C. Sulzbach
Senior Revenue Analyst

UCS/wt
Attachment

69'
TENNECO OIL COMPANY
Utah Wells Sold to Quinoco
Effective March 1, 1984

✓T. 17S R 24E Sec 4 Federal 4-12
✓T17S R 24E Sec. 14 Hogle USA 14-4
✓T17S R24E Sec 3 Federal 3-8
✓T17S R24E Sec 3 Federal 3-15
✓T16S R24E Sec 35 Federal 35-10
✓T17S R24E Sec 2 Dietler State 2-14
✓T17S R24E Sec 2 Dietler State 2-7
✓T16S R25E Sec 31 Calvinco USA 31-12
✓T17S R24E Sec 1 Reinauer 1-5
✓T17S R24E Sec 1 Reinauer 1-14
✓T16S R24E Sec 36 Tenneco State 36-14
✓T16S R24E Sec 36 Tenneco State 36-16
✓T16S R 24E Sec 35 Brown USA 35-3
✓T17S R24E Sec 12 Edward 12-2
✓T17S R25E Sec 7 Winter Camp Unit 7-14
✓T17S R24E Sec 11 Hogle 11-12
✓T17S R25E Sec 6 Federal 6-7
✓T17S R25E Sec 7 Federal 7-4
✓T16S R25E Sec 17 Federal 17-9
✓T16S R25E Sec 14 Federal 14-2
✓T16S R26E Sec 16 State 16-4
✓T16S R25E Sec 13 Carlson USA 13-4
✓T17S R24E Sec 5 Federal 5-13
✓T16S R24E Sec 33 Wilson USA 33-15
✓T17S R25E Sec 6 Federal 6-14
✓T16S R25E Sec 13 Federal 13-9
✓T16S R26E Sec 33 Federal 33-13
T17S R26E Sec 5 Federal 5-4
✓T16S R26E Sec 32 State 32-1
✓T16S R26E Sec 32 State 32-11
✓T17S R24E Sec 12 Tenneco USA 12-9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SEE INSTRUCTIONS ON
REVERSE SIDE

03172 PGW

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. USA U-38838	
2. NAME OF OPERATOR Ominex Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR Stanford Place 1, Suite 1060 8055 E. Tufts Ave. Pkwy., Denver, CO 80237		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1793' FEL & 638' FSL		8. FARM OR LEASE NAME Federal	
16. PERMIT NO. 43-019-30463		9. WELL NO. 3-15	
17. ELEVATIONS (Show whether SP, ST, GR, etc.) 5924' GL, 5935' KB		10. FIELD AND POOL, OR WILDCAT Bryson Canyon	
		11. SEC., T., R., M., OR BLE. AND SUBST OR AREA Sec. 3-17S-R24E SW/SE	
		12. COUNTY OR PARISH Grand	
		13. STATE Utah	

10. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) Change of Operator ☒PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐
☐
☐
☐
☐
☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐
☐
☐
☐
☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator from Quinoco Petroleum, Inc., P.O. Box 378111, Denver, CO 80237 to Ominex Petroleum, Inc. effective as of March 1, 1987.

RECEIVED
MAR 12 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Mary E. Cole

TITLE

Production Analyst

DATE

3-1-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:
Omimex Petroleum, Inc.

3. Address and Telephone Number:
8055 E. Tufts Ave. Pkway., #1060 - Denver, CO 80237 (303)771-1661

4. Location of Well

Footages:

QQ, Sec., T., R., M.: SWSE 3-17S-24E

5. Lease Designation and Serial Number:

UTU38838A

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Federal #3-15

9. API Well Number:

43-01930463

10. Field and Pool, or Wildcat:

Bryson Canyon Field

County: Grand

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective November 1, 1993 operatorship transferred to:

North Star Resources, Inc.
15000 NW Freeway
Houston, TX 77040

(corporate office)

2210 Highway 6N50
Grand Junction, CO 81505
(303) 245-5902

(operations office)

13.

Name & Signature:

B. J. Whitney
B. J. Whitney

Title: Production Analyst

Date: 11/11/93

(This space for State use only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

NORTHSTAR GAS COMPANY INC.

3. Address and Telephone No.

**820 GESSNER SUITE 1630
HOUSTON TX 77024 713-935-9542**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWSE 3-17S-24E

5. Lease Designation and Serial No.

UTU38838A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

FEDERAL #3-15

9. API Well No.

43-01930463

10. Field and Pool, or Exploratory Area

BRYSON CANYON

11. County or Parish, State

GRAND COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

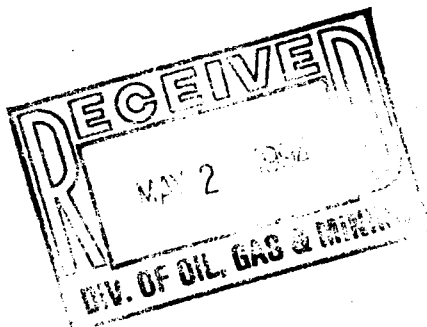
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **CHANGE OF OPERATOR**
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

EFFECTIVE 11-01-93 NORTHSTAR GAS CO. INC. WILL BECOME OPERATOR OF THE ABOVE WELL.



14. I hereby certify that the foregoing is true and correct.

Signed **PAUL BERNARD**

Title **SEC/TREAS**

Date **05-04-94**

(This space for Federal or State)

WILLIAM G. STRINGER

Associate District Manager

Date **MAY 15 1994**

Approved by
Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED

Northstar Gas Company, Inc.
Well No. Federal 3-15
SWSE Sec. 3, T. 17 S., R. 24 E.
Grand County, Utah
Lease U-38838A

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Northstar Gas Company, Inc., is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0845 (Principal - Northstar Gas Company, Inc.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

E OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator: NORTHSTAR GAS COMPANY, INC.

3. Address and Telephone Number:
820 GESSNER, SUITE 1630, HOUSTON, TX 77024 713-935-9542

4. Location of Well

Footages:

OO, Sec., T., R., M.: SWSE 3-17S-24E

5. Lease Designation and Serial Number:

UTU38838A

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

FEDERAL #3-15

9. API Well Number:

43-01930463

10. Field and Pool, or Wildcat:

BRYSON CANYON

County: GRAND

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

EFFECTIVE NOVEMBER 1, 1993 OPERATORSHIP TRANSFERRED FROM:
OMIMEX PETROLEUM, INC.
8055 E. TUFTS AVE. PKWAY. #1060
DENVER CO 80237 (303) 771-1661

TO:
NORTHSTAR GAS COMPANY, INC.
820 GESSNER, SUITE 1630
HOUSTON, TX 77024 (713) 935-9542

RECEIVED
MAY 27 1994

13.

Name & Signature: Harry J. Dean

Title: President

Date: 5/24/94

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-LEC
2-DTS	
3-VLC	
4-RJF	
5-PL	
6-SJ	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)

☐ Designation of Agent

☐ Designation of Operator

☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-93)

TO (new operator) NORTHSTAR GAS COMPANY INC.
 (address) 15000 NW FWY STE 203
HOUSTON, TX 77040
PAUL BERNARD
 phone (713) 937-4314
 account no. N 6680

FROM (former operator) OMIMEX PETROLEUM INC.
 (address) 8055 E TUFTS AVE STE 1060
DENVER, CO 80237
 phone (303) 771-1661
 account no. N 0735

Well(s) (attach additional page if needed):

Name: <u>FEDERAL 3-8/DKTA</u>	API: <u>43-019-30521</u>	Entity: <u>6545</u>	Sec <u>3</u>	Twp <u>17S</u>	Rng <u>24E</u>	Lease Type: <u>U38838A</u>
Name: <u>FEDERAL 3-15/DK-MR</u>	API: <u>43-019-30463</u>	Entity: <u>6530</u>	Sec <u>3</u>	Twp <u>17S</u>	Rng <u>24E</u>	Lease Type: <u>U38838A</u>
Name: <u>FEDERAL 5-13/DKTA</u>	API: <u>43-019-30544</u>	Entity: <u>6528</u>	Sec <u>5</u>	Twp <u>17S</u>	Rng <u>24E</u>	Lease Type: <u>U41372</u>
Name: <u>FEDERAL 28-15/DKTA</u>	API: <u>43-019-30545</u>	Entity: <u>9160</u>	Sec <u>28</u>	Twp <u>16S</u>	Rng <u>24E</u>	Lease Type: <u>U10152A</u>
Name: <u>WILSON 33-2/MNCBSB</u>	API: <u>43-019-30703</u>	Entity: <u>9162</u>	Sec <u>33</u>	Twp <u>16S</u>	Rng <u>24E</u>	Lease Type: <u>U31468</u>
Name: <u>WILSON 33-15/DKTA</u>	API: <u>43-019-30520</u>	Entity: <u>2870</u>	Sec <u>33</u>	Twp <u>16S</u>	Rng <u>24E</u>	Lease Type: <u>U31468</u>
Name: <u>BROWN USA 35-3/DK-MR</u>	API: <u>43-019-30771</u>	Entity: <u>6526</u>	Sec <u>35</u>	Twp <u>16S</u>	Rng <u>24E</u>	Lease Type: <u>U10152</u>

CONT.

OPERATOR CHANGE DOCUMENTATION

- Le 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 11-15-93)
- Le 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 11-19-93) (Rec'd 5-23-94)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: ____.
- Le 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Le 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (5-31-94)
- Le 6. Cardex file has been updated for each well listed above. 6-1-94
- Le 7. Well file labels have been updated for each well listed above. 6-1-94
- Le 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (5-31-94)
- Le 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

1. All attachments to this form have been microfilmed. Date: June 8 1994.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940531 Btm/moab Aprv. 5-15-94 eH. 11-1-93.